

Amendments to the Specification:

Please amend the paragraph at page 41, lines 9-10 as follows:

Now, Fig. 7 is a diagram which shows a specific configuration of the ink-jet heads of printing unit 16.

Please amend the paragraph at page 42, lines 12-13 as follows:

Fig. 8 is a diagram which shows the ink-jet heads of printing unit 16 and the chart data recorded by the printing unit 16.

Please amend the paragraphs at page 58, line 10 to page 59, line 14 as follows:

For example, the chart shown in FIG. 12 described above is divided into small charts of R0-0 to R2-2 as shown in ~~FIG. 19(A)~~ FIG. 19.

Specifically, the small charts are grouped along the horizontal direction as shown in ~~FIG. 19(B)~~ FIG. 19 at the time of analyzing the geometric properties due to irregularities in transporting, whereby the region R0-0, R0-1, and R0-2, are grouped into a single region RH0, the

region R1-0, R1-1, and R1-2, are grouped into a single region RH1, and the region R2-0, R2-1, and R2-2, are grouped into a single region RH2, for analyzing the relative geometric properties of each region of RH0, RH1, and RH2.

On the other hand, in a case of analyzing the geometric properties due to distortion of the head, or analyzing the positional relation between the heads adjacent one to another in the nozzle-array direction, an arrangement may be made wherein the small charts are grouped in the vertical direction (recording-medium transporting direction) as shown in ~~FIG. 19(B)~~ FIG. 19, whereby the region R0-0, R1-0, and R2-0, are grouped into a single region RV0, the region R0-1, R1-1, and R2-1, are grouped into a single region RV1, and the region R0-2, R1-2, and R2-2, are grouped into a single region RV2, for analyzing the relative geometric properties of each region of RV0, RV1, and RV2.

On the other hand, in a case of analyzing the geometric properties of the entire head, all the regions R0-0, R0-1, R0-2, R1-0, R1-1, R1-2, R2-0, R2-1, and R2-2, shown in ~~FIG. 19(A)~~ FIG. 19 should be grouped into a single region, whereby the geometric properties are analyzed for the single region as shown in FIG. 12.

Please amend the paragraph at page 80, lines 18-20 as follows:

With such a configuration, Fig. 33 shows the positional relation between the ink-jet heads 30, 31, 32 and 33 of printing unit 16 and the image pickup unit 17.

Please amend the paragraph at page 85, lines 10-16 as follows:

Note that while description has been made regarding an arrangement according to the present embodiment wherein the PC 35 includes the format storage unit 9 therein, and the printer 36 includes the chart data ~~storage~~ creation/storage unit 37 therein, it is needless to say that the arrangement may have the same configuration as with the first embodiment described above as shown in Fig. 6.

Please amend the paragraph at page 98, lines 15-19 as follows:

In general, replacement of the head is performed for each head unit, and accordingly, the chart data ~~storage~~ creation/storage unit 37 is replaced at the same time. Accordingly, at the time of mounting a new head, the optimum chart data is stored for the new head.

Please amend the paragraph at page 99, line 23 to page 100, line 12 as follows:

The recording device according to the present embodiment has a configuration wherein the recording medium 1 is put on a transporting ~~table~~ base 51 so as to be transported as shown in FIG. 39, and printing is made on the recording medium 1 at the time when the recording medium 1 is passing through the positions where large head units are mounted, each of which has a function for recording an image in a predetermined color, during transporting thereof. The large head units for various colors respectively include: a large black head unit KU; a large cyan head unit CU; a large magenta head unit MU; and a large yellow head unit YU, arrayed in that order from the upstream side toward the downstream side in the transporting direction, wherein the nozzles are arrayed along the direction substantially orthogonal to the transporting direction.

And please amend the abstract on page 130 as follows:

ABSTRACT

A ~~geometric property analyzing system comprises: a~~
format storage unit ~~(9) for storing~~ stores a predetermined
geometric property format. ~~A~~ ~~;~~ a chart data creating unit
~~(10) for creating~~ creates chart data based upon the
geometric property format, and ~~[[;]]~~ a printing unit ~~(16)~~
~~for creating~~ creates a test chart by printing mark groups on
a recording medium such as a paper sheet based upon the
chart data. An ~~;~~ an image pickup unit ~~(17) for outputting~~
outputs a chart image by scanning the test chart, and ~~[[;]]~~
a mark center calculating unit ~~(12) for calculating~~
calculates the center of each mark based upon the chart
image. ~~A~~ ~~;~~ and a fitting unit ~~(13) for performing~~ performs
a fitting calculation by making comparison between comparing
~~the~~ calculation results output from the mark center
calculating unit ~~(12)~~ and the chart based upon the geometric
property format such that the squared ~~the~~ difference
therebetween becomes minimum for each mark position.